

ABSTRACT

The present invention provides methods for connecting electrically conductive elastomer to electronics that reduce cost and time for manufacturing a tactile sensor that includes an electrically conductive elastomer such as a conductive foam. The methods provide a good connection between the electrically conductive elastomer and the electrodes connected to the electronics, which provide for repeatable measurements. The methods can be used for all cases of electrically conductive elastomers and elastomers made to be conductive with the addition of conductive particles (such as carbon, silver, nickel, gold, etc.) including thermoplastic and some thermosetting elastomers.